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L Number	Hits	Search Text	DB	Time stamp
1	1006	(first adj2 (brake or braking) adj2 pedal with second adj2 (brake	USPAT	2004/07/21 13:07
_	404	or braking) adj2 pedal) or (brake or braking) adj2 pedals!		
2	104	((first adj2 (brake or braking) adj2 pedal with second adj2	USPAT	2004/07/21 13:07
		(brake or braking) adj2 pedal) or (brake or braking) adj2 pedals!) and 303/\$.ccls.		
_	0	CARLSSON and VIGHOLM	LICDAT.	0004/07/04 40:00
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-	8	"9801672"	USPAT:	2002/01/24 07:26
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			EPO; JPO;	
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			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
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	U	500.001/00,013/22.ipc.	USPAT; US-PGPUB;	2002/01/24 07:27
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2831	b60t001/06.ipc. b60t013/22.ipc.	USPAT:	2002/01/24 07:27
		·	US-PGPUB;	2002/01/21/01/21
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			DERWENT;	
			IBM_TDB	
-	2124	f16d059/02.ipc. f16d063/00.ipc.	USPAT;	2002/01/24 07:28
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	2686	f16h057/10.ipc, f16h057/12.ipc,	IBM_TDB USPAT;	0000/04/04 07:00
j	2000	1101007710.ipc, 1101007712.ipc.	US-PGPUB;	2002/01/24 07:28
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	7503	b60t001/06.ipc. b60t013/22.ipc.) (f16d059/02.ipc.	USPAT;	2002/01/24 07:28
		f16d063/00.ipc.) (f16h057/10.ipc. f16h057/12.ipc.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	474	(/be0t004/06 inc. be0t040/00 inc.) ((40 1070/00 inc.)	IBM_TDB	
•	174	((b60t001/06.ipc. b60t013/22.ipc.) (f16d059/02.ipc.	USPAT;	2002/01/24 07:52
		f16d063/00.ipc.) (f16h057/10.ipc. f16h057/12.ipc.)) and lock\$3 near2 shaft	US-PGPUB;	
		IIGAIZ OIIAIL	EPO; JPO;	
			DERWENT;	
	3	((b60t001/06.ipc. b60t013/22.ipc.) (f16d059/02.ipc.	IBM_TDB USPAT;	2002/01/24 07:56
	Ĭ	f16d063/00.ipc.) (f16h057/10.ipc. f16h057/12.ipc.)) and lock\$3	US-PGPUB;	2002/01/24 07:30
		near2 (output adj shaft) same ((stop\$5 or brak\$3 or lock\$3) near2	EPO; JPO;	
		rotation adj4 shaft)	DERWENT;	
			IBM TDB	
	46	((b60t001/06.ipc. b60t013/22.ipc.) (f16d059/02.ipc.	USPAT;	2002/01/24 08:02
		f16d063/00.ipc.) (f16h057/10.ipc. f16h057/12.ipc.)) and lock\$3	US-PGPUB;	
		near2 (output adj shaft)	EPO; JPO;	
			DERWENT;	
		E064225 LIDDN	IBM_TDB	
	2 5	5964335.URPN. ("4585103" "4696343" "4640337" "464 4356" 18664335")	USPAT	2002/01/24 07:59
	ɔ]	("4585103" "4606242" "4610337" "4614256" "5964335").PN.	USPAT	2002/01/24 08:01

-	1	1 ((===================================	USPAT;	2002/01/24 08:04
		f16d063/00.ipc.) (f16h057/10.ipc. f16h057/12.ipc.)) and lock\$3	US-PGPUB;	
		near2 (output adj shaft) and (sens\$5 near3 rotation same shaft)	EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
-	0	The second and receive the last (output day shart) and (3611345)	USPAT;	2002/01/24 08:45
		near3 rotation same shaft)	US-PGPUB	
-	876	188/31,69.ccls.	USPAT;	2002/01/24 08:09
			US-PGPUB	
-	650	(clutch same gear same brak\$3 same lock\$4) same (output adj	USPAT;	2002/01/24 09:33
		shaft)	US-PGPUB	
-	3480	(· (USPAT;	2002/01/24 08:11
	1	shaft)	US-PGPUB	
-	36		USPAT;	2002/01/24 08:13
	1	shaft) and vehicle near4 stationary	US-PGPUB	
-	9		USPAT;	2002/01/24 08:12
		shaft) and vehicle near4 stationary same (output adj shaft)	US-PGPUB	
-	2	The second and a second branch banks banks books and banks and banks and	USPAT;	2002/01/24 08:13
	_	shaft) and vehicle near4 parked same (output adj shaft)	US-PGPUB	
-	5		USPAT;	2002/01/24 08:13
	10.1-	shaft) and vehicle near4 parked	US-PGPUB	
-	1847		USPAT;	2002/01/24 08:15
		lock\$4) same (gear or clutch)	US-PGPUB	
-	763	clutch same gear\$3 same brak\$3 same lock\$4 same (output adj	USPAT;	2002/01/24 08:16
		shaft)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	404		IBM_TDB	
-	191	clutch.clm. and gear\$3.clm. and brak\$3.clm. and lock\$4.clm. and	USPAT;	2002/01/24 08:17
	25	(output.clm. adj shaft.clm.)	US-PGPUB	
-	25	The state of the s	USPAT;	2003/01/27 13:50
		(output.clm. adj shaft.clm.) and (stop\$4 or brak\$4 or lock\$3)	US-PGPUB	
_	0	near3 rotation adj4 shaft		
		188/31,69.ccls. and (output adj shaft) and (sens\$5 near3 rotation same shaft)	USPAT;	2002/01/24 08:45
_	0	(output adj shaft) and (sens\$5 near3 rotation same shaft) same	US-PGPUB	
		pawl same (groove or slot) same (lock\$4 or brak\$4)	USPAT;	2002/01/24 08:47
_	114	brak\$3 same (output adj shaft) same clutch same gear\$4 and	US-PGPUB	0000/04/04 00 55
		((locking or braking) adj (element or member or pawl))	USPAT;	2002/01/24 08:55
		((looking of braking) adj (element of member of pawij)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-	105	(brak\$3 same (output adj shaft) same clutch same gear\$4 and	IBM_TDB	2002/04/04 00:50
		((locking or braking) adj (element or member or pawl)))	USPAT	2002/01/24 08:56
-	53	(output adj shaft) near3 standstill	USPAT;	2002/04/24 00:50
		, and the second of the second	US-PGPUB;	2002/01/24 08:59
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	(output.ab adj shaft.ab.) same brak\$4.ab.	USPAT;	2002/01/24 09:01
		The state of the s	US-PGPUB;	2002/01/24 09:01
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	4768	(output.ab. adj shaft.ab.) same brak\$4.ab.	USPAT:	2002/01/24 09:01
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2885	((output.ab. adj shaft.ab.) same brak\$4.ab.) and (b60t\$.ipc. or	USPAT;	2002/01/24 09:02
		f16h\$.ipc. or f16d\$.ipc.)	US-PGPUB;	
		[EPO; JPO;	
	İ		DERWENT;	
			IBM TDB	

•				
-	497	((output.ab. adj shaft.ab.) same brak\$4.ab.) and lock\$.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/01/24 09:11
-	9	188/31,69.ccls. and control adj unit ("1210288" "2817418" "2996154" "3545628" "3664515" "3739652" "3819018" "3877549" "5046534" "5176267"	USPAT USPAT	2002/01/24 09:18 2002/01/24 09:19
_	0	"6010018").PN. 6199442.URPN.	USPAT	2002/04/24 00:20
-	163	((output.ab. adj shaft.ab.) same brak\$4.ab.) and lock\$.ab. and clutch.ab. and gear.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/01/24 09:20 2002/01/24 09:22
-	38	((output.ab. adj shaft.ab.) same brak\$4.ab.) and lock\$.ab. and clutch.ab. and gear.ab. and brak\$.ti.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/01/24 09:29
-	9	(locking adj element) near4 (output adj shaft) (method or process) same (sensing adj3 rotation adj4 (output adj shaft))	USPAT USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/01/24 09:31 2002/01/24 09:34
-	18	(clutch same gear same brak\$3 same lock\$4) same (output adj shaft) and 188/\$.ccls.	IBM_TDB USPAT; US-PGPUB	2002/01/24 09:36
-	911	188/31.ccls. or 188/69.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/01/24 10:26
_	75	192/219.5.ccls.	IBM_TDB USPAT	2002/01/24 09:42
-	49	192/220.4.ccls.	USPAT	2002/01/24 09:42
-	11	("1210288" "2817418" "2996154" "3545628" "3664515" "3739652" "3819018" "3877549" "5046534" "5176267" "6010018").PN.	USPAT	2002/01/24 10:24
-	876	188/31.ccls. or 188/69.ccls.	USPAT; US-PGPUB	2002/01/24 10:26
•	112	(188/31.ccls. or 188/69.ccls.) and shaft same (lock\$4 or brak\$4)	USPAT; US-PGPUB	2002/01/24 10:31
-	5203	192/\$.ccls. and shaft same (lock\$4 or brak\$4)	USPAT; US-PGPUB	2002/01/24 10:32
-	1685	192/\$.ccls. and (output adj shaft) same (lock\$4 or brak\$4)	USPAT; US-PGPUB	2002/01/24 10:40
-	277	(192/219\$.ccls. or 192/22\$3.ccls.) and (output adj shaft) same (lock\$4 or brak\$4)	USPAT; US-PGPUB	2002/01/24 10:36
-	55	74/411.5.ccls. and (output adj shaft) same (lock\$4 or brak\$4)	USPAT; US-PGPUB	2002/01/24 10:36
-	33	192/\$.ccls. and (output adj shaft) same (lock\$4 or brak\$4) and 188/31,69.ccls.	USPAT; US-PGPUB	2002/01/24 10:42
-	28	74/411.5.ccls. and 188/31,69.ccls.	USPAT; US-PGPUB	2002/01/24 10:42
-	0	CARLSSON and VIGHOLM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/27 13:51
-	29	clutch.clm. and gear\$3.clm. and brak\$3.clm. and lock\$4.clm, and (output.clm. adj shaft.clm.) and (stop\$4 or brak\$4 or lock\$3) near3 rotation adj4 shaft	USPAT; US-PGPUB	2003/01/27 13:56
-	71	188/31.CCLS. AND 192/\$.CCLS.	USPAT; US-PGPUB	2003/01/27 13:56

-	5	CARLSSON.in. and VIGHOLM.in.	USPAT;	2004/07/21 12:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	5	CARLSSON.in. and VIGHOLM.in.	USPAT;	2004/07/21 12:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	·
			IBM TDB	
-	5	("5696679" "5704457" "5879111" "5964335" "6199442").PN.	USPAT	2004/07/21 12:19
-	7	volvo.asn. and brak\$4 near3 pedals!	USPAT;	2004/07/21 12:29
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	

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rch History	7/21/04 15999995M Page 9 orkspaces\156257184.wsp		
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-	40	first adj2 (brake or braking) adj2 pedal with second adj2 (brake	USPAT;	2004/07/21 12:48
		or braking) adj2 pedal	US-PGPUB	
-	2018	(first adj2 (brake or braking) adj2 pedal with second adj2 (brake	USPAT;	2004/07/21 13:06
•		or braking) adj2 pedal) or (brake or braking) adj2 pedals!	US-PGPUB;	
	:		EPO; JPO;	
			DERWENT	
-	6131	double adj check adj valve or shuttle adj valve	USPAT;	2004/07/21 12:50
			US-PGPUB;	
			EPO: JPO:	
			DERWENT	
-	42	((first adj2 (brake or braking) adj2 pedal with second adj2	USPAT:	2004/07/21 12:50
		(brake or braking) adj2 pedal) or (brake or braking) adj2 pedals!)	US-PGPUB:	
		and (double adj check adj valve or shuttle adj valve)	EPO; JPO;	
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-	26	("3945685" "3945691" "4010983" "4030560" "4074782"	USPAT	2004/07/21 12:53
		"4139238" "4260197" "4380249" "4399896" "4498710"		200 1101721 12.00
		"4553789" "4609230" "4629256" "4691968" "4880282"		
		"4949805" "4962825" "5161862" "5354123" "5380073"		
		"5407033" "5456523" "5531512" "5735314" "5778672"		
		"5802853").PN.		

PLU5 7/21/04

Butler, Douglas

From:

PLUS

Sent:

Monday, June 14, 2004 11:01 AM

To:

Butler, Douglas

Subject:

PLUS Results for 10604904

Here are the PLUS search results for 10604904.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.

















PLUS Search Results for S/N 10604904, Searched June 14, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10604904_EAST

10604904_CLS Most Frequently Occurring Classifications of Patents Returned From A Search of 10604904 on June 14, 2004

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Original Classifications
  4 192/12C
    192/18A
    137/596.16
    180/6.2
    192/3.23
    303/116.4
     73/146
  2
    100/88
  2
    123/400
  2
    139/452
  2
    187/292
  2
    192/220.1
  2
    242/421.6
  2
    303/119.2
  2
    303/3
  2
    418/55.5
  2
    475/83
Cross-Reference Classifications
 6 192/221
 5 188/170
 3
    91/424
 3
    418/57
 3
    477/199
 2
     56/11.3
 2
     56/341
 2
     60/413
 2
     60/448
 2
     60/591
 2
     68/12.14
 2
     68/12.16
 2
     74/501.6
     74/733.1
 2
    137/596.17
 2
    180/244
    180/417
    180/441
    180/442
    187/393
 2
    192/129B
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    192/12C
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    192/150
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    192/18A
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    192/3.3
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    192/3.58
 2
    192/88B
 2
    251/26
 2
    303/119.2
    303/84.2
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    303/DIG 10
    418/14
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    475/141
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Combined Classifications

ได้สุดตั้งกับ และ โดย ตูล การที่สุดตั้งได้ เกี่สุดตัว เพื่อและ แล้ว สุดกั

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  180/6.2
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    68/12.14
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    68/12.16
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    68/23.5
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    68/23.7
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    73/146
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    74/501.6
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  137/596.17
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  187/292
  187/393
  188/196A
  188/72.4
  192/129B
  192/150
  192/220.1
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  192/3.3
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   192/3.58
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   192/88B
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   242/421.6
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   251/26
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   303/84.2
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   303/DIG 10
  418/14
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  418/55.5
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   475/83
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477/200

10604904_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10604904 on June 14, 2004

6		OR, 2 XR) : CLUTCHES AND POWER-STOP CONTROL CLUTCH AND BRAKE .Fluid operator
6	Class 192 192/12R 192/18R	: CLUTCHES AND POWER-STOP CONTROL
6	192/221 (0 Class 192 192/215 192/218 192/221	: CLUTCHES AND POWER-STOP CONTROL TRANSMISSION AND BRAKE .Motor vehicle
5	188/166	: BRAKES FRICTIONAL VIBRATION DAMPER
4		OR, 3 XR) : MOTORS: EXPANSIBLE CHAMBER TYPE WITH MOTIVE FLUID VALVE .Two hand control
4	Class 303	OR, 2 XR) : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS SPEED-CONTROLLED .Having a valve system responsive to a wheel lock signal
		System controlled by solenoid valve
4	303/119.1 303/119.2 477/199 (1 Class 477	System controlled by solenoid valve
4	303/119.1 303/119.2 477/199 (1 Class 477 477/182 477/199	System controlled by solenoid valveSystem solenoid valve detail OR, 3 XR) : INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL BRAKE CONTROL .Brake engaged when engine energy deactivated,

Page 1

```
(3 OR, 0 XR)
 137/596.16
              137 : FLUID HANDLING
       Class
                      SYSTEMS
        137/561R
        137/596
                     .Supply and exhaust
                     ..Pilot-actuated
        137/596.14
        137/596.16
                      ...Electric
  180/6.2
                 (3 OR, 0 XR)
                180 : MOTOR VEHICLES
       Class
        180/6.2
                      STEERING BY DRIVING
  192/3.23
                 (3 OR, 0 XR)
                192 : CLUTCHES AND POWER-STOP CONTROL
       Class
        192/3.21
                      VORTEX-FLOW DRIVE AND CLUTCH
        192/3.23
                      .With brake
 303/116.4
                 (3 OR, 0 XR)
        Class
                303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
        303/121
                      SPEED-CONTROLLED
        303/113.1
                      .Having a valve system responsive to a wheel
                          lock signal
        303/116.4
                      ... System pump structure detail
  303/3
                 (2 OR, 1 XR)
                303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
        Class
        303/2
                      MULTIPLE SYSTEMS
        303/3
                      .Fluid pressure and electric
  418/57
                 (0 OR, 3 XR)
        Class
                418 : ROTARY EXPANSIBLE CHAMBER DEVICES
                      WORKING MEMBER HAS PLANETARY OR PLANETATING
        418/54
                          MOVEMENT
        418/57
                      .Adjustable or resiliently biased working
                         member
                 (0 OR, 2 XR)
    56/11.3
                056 : HARVESTERS
        Class
        56/10.1
                      MOTORIZED HARVESTER
        56/10.8
                      .With selective control of drive means
        56/11.3
                      .. By brake and disengageable drive (e.g.,
                         clutch)
2
    56/341
                 (0 OR, 2 XR)
        Class
                056 : HARVESTERS
        56/341
                      RAKING AND BUNDLING
2
    60/403
                 (1 OR, 1 XR)
        Class
                060 : POWER PLANTS
        60/325
                      PRESSURE FLUID SOURCE AND MOTOR
        60/403
                      .Apparatus having means responsive to or
                         ameliorating the effects of breakage, plugging, mechanica
                         failure or power failure
2
    60/418
                 (1 OR, 1 XR)
                060 : POWER PLANTS
        Class
        60/325
                      PRESSURE FLUID SOURCE AND MOTOR
        60/413
                      .With control means for structure storing work
                                     Page 2
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10604904 CLSTITLES driving energy (e.g., accumulator, etc.) 60/418 .. Control by sensor of accumulator condition 2 60/448 (0 OR, 2 XR) 060 : POWER PLANTS Class 60/325 PRESSURE FLUID SOURCE AND MOTOR 60/445 .Condition responsive control of pump or motor displacement 60/448 .. By means sensing rotational speed of output motor (0 OR, 2 XR) 2 60/591 Class 060 : POWER PLANTS PRESSURE FLUID SOURCE AND MOTOR 60/325 60/533 .Pulsator 60/591 .. Having valve, director, or restrictor in pulse fluid flow path 68/12.12 (1 OR, 1 XR) Class 068 : TEXTILES: FLUID TREATING APPARATUS MACHINES 68/3R 68/12.01 .Single tub and automatic sequential operation mechanism 68/12.12 .. Special cycle specified (e.g., prewash cycle, permanent press cycle, etc.) 68/12.14 (0 OR, 2 XR) Class 068 : TEXTILES: FLUID TREATING APPARATUS 68/3R MACHINES 68/12.01 .Single tub and automatic sequential operation mechanism 68/12.14 ..Dewatering detail 2 (0 OR, 2 XR) 68/12.16 068 : TEXTILES: FLUID TREATING APPARATUS Class 68/3R MACHINES 68/12.01 .Single tub and automatic sequential operation mechanism 68/12.16 .. Motor control circuitry detail 2 68/23.5 (1 OR, 1 XR) Class 068 : TEXTILES: FLUID TREATING APPARATUS 68/3R MACHINES 68/13R .Combined 68/19 ..With liquid extractor 68/23R ...Centrifugal extractor (e.g., centrifuge) 68/23.5Including fluid supply means 2 68/23.7 (1 OR, 1 XR) Class 068 : TEXTILES: FLUID TREATING APPARATUS 68/3R MACHINES 68/13R .Combined 68/19 ..With liquid extractor 68/23R ...Centrifugal extractor (e.g., centrifuge)Including impulsing means (e.g., agitator) 68/23.6 within and independent of centrifuge 68/23.7Oscillating type

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73/146

(2 OR, 0 XR)

073 : MEASURING AND TESTING Class 73/146 TIRE, TREAD OR ROADWAY 2 74/501.6 (0 OR, 2 XR) Class 074 : MACHINE ELEMENT OR MECHANISM 74/469 CONTROL LEVER AND LINKAGE SYSTEMS 74/491 .Hand operated 74/500.5 ..Flexible transmitter (e.g., Bowden cable) 74/501.6 ...And hand operator 74/731.1 (1 OR, 1 XR) Class 074 : MACHINE ELEMENT OR MECHANISM 74/640 GEARING 74/730.1 .With fluid drive 74/731.1 .. Condition responsive control 74/733.1 (0 OR, 2 XR) 074 : MACHINE ELEMENT OR MECHANISM Class 74/640 GEARING 74/730.1 .With fluid drive ..With one or more controllers for gearing, 74/732.1 fluid drive, or clutch 74/733.1 ...With interrelated controls 2 91/6 (1 OR, 1 XR) Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE 91/6 FLUID SUPPLY THROUGH DIVERSE PATHS TO SINGLE EXPANSIBLE CHAMBER (2 OR, 0 XR) 2 100/88 Class 100 : PRESSES 100/70R WITH ADDITIONAL TREATMENT OF MATERIAL 100/76 .Winding or folding sheet, web or strand 100/88 .. Between opposed belts 2 123/398 (1 OR, 1 XR) Class 123 : INTERNAL-COMBUSTION ENGINES 123/319 ENGINE SPEED REGULATOR .Open loop condition responsive 123/395 123/396 .. Resistance or override acts on input connection to regulator 123/398 ... Throttle position lock 137/596.17 (0 OR, 2 XR) Class 137 : FLUID HANDLING 137/561R SYSTEMS 137/596 .Supply and exhaust 137/596.17 ..Motor 2 139/452 (2 OR, 0 XR)

Class 139: TEXTILES: WEAVING 139/116.1 WEFT MANIPULATION

139/429 .Weaving with stationary weft supply

139/450 ..Weft handling

139/452 ...Measuring or storing

2 180/244 (0 OR, 2 XR)

Class 180 : MOTOR VEHICLES

180/233 HAVING FOUR WHEELS DRIVEN

Page 4

maman Homelass 课<u>,是还完</u>在是一种的装饰的基础,因此是有的目标的问题,就是这种说,这个一种只能要是一种人都可能是有错,是一个性质。如果如果

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180/417
               (0 OR, 2 XR)
      Class
              180 : MOTOR VEHICLES
      180/400
                    STEERING GEAR
      180/417
                    .With fluid power assist
 180/441
               (0 OR, 2 XR)
      Class
              180 : MOTOR VEHICLES
      180/400
                    STEERING GEAR
      180/417
                    .With fluid power assist
      180/441
                    ..Device to control pressure (e.g., valve)
 180/442
               (0 OR, 2 XR)
      Class
              180 : MOTOR VEHICLES
      180/400
                    STEERING GEAR
      180/417
                    .With fluid power assist
      180/442
                    .. Hydraulic circuit
187/292
               (2 OR, 0 XR)
              187 : ELEVATOR, INDUSTRIAL LIFT TRUCK, OR
      Class
                      STATIONARY LIFT FOR VEHICLE
      187/250
                    HAVING SPECIFIC LOAD SUPPORT DRIVE-MEANS OR ITS
                           CONTROL
      187/276
                    .Includes control for power source of
                          drive-means
      187/277
                    .. With specific electrical component
      187/289
                    ...For electric power source
      187/292
                    ....With means for stopping vibration or bump
                       start
 187/393
               (0 OR, 2 XR)
      Class
              187 : ELEVATOR, INDUSTRIAL LIFT TRUCK, OR
                      STATIONARY LIFT FOR VEHICLE
      187/391
                    WITH MONITORING, SIGNALLING, AND INDICATING
                        MEANS
      187/393
                    .Monitors operational parameter
 188/196A
               (1 OR, 1 XR)
      Class
              188 : BRAKES
      188/381
                    FRICTIONAL VIBRATION DAMPER
      188/196R
                    .Slack
      188/196A
                    ..Fluid
188/72.4
               (1 OR, 1 XR)
      Class
              188 : BRAKES
      188/67
                    ROD
      188/71.1
                    .Axially movable brake element or housing
                         therefor
      188/72.1
                    ..With means for actuating brake element
      188/72.4
                    ...By fluid pressure piston
192/129B
               (0 OR, 2 XR)
      Class
              192 : CLUTCHES AND POWER-STOP CONTROL
      192/116.5
                    STOP MECHANISM
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.Safety device

192/129R

192/129B ..Pneumatic

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192/150
                (0 OR, 2 XR)
        Class
               192 : CLUTCHES AND POWER-STOP CONTROL
        192/116.5 STOP MECHANISM
        192/150
                     .Overload release
2 192/220.1
                (2 OR, 0 XR)
       Class 192: CLUTCHES AND POWER-STOP CONTROL
        192/215
                     TRANSMISSION AND BRAKE
       192/218
                    .Motor vehicle
       192/220
                     ..Brake control affects transmission change
        192/220.1
                     ...Brake application neutralizes transmission
2 192/3.3
                (0 OR, 2 XR)
       Class 192: CLUTCHES AND POWER-STOP CONTROL
        192/3.21
                    VORTEX-FLOW DRIVE AND CLUTCH
       192/3.28
                    .Including drive-lockup clutch
       192/3.29
                     .. Having fluid-pressure operator
       192/3.3
                     ...With auxiliary source of pressure
 192/3.58
               (0 OR, 2 XR)
       Class 192 : CLUTCHES AND POWER-STOP CONTROL
                    TRANSMISSION CONTROL AND CLUTCH CONTROL
       192/3.51
       192/3.54
                    .Common control
       192/3.55
                    ..Power-operated clutch
       192/3.57
                    ...Fluid-press operated
       192/3.58
                     ....Electrically triggered
2 192/88B
               (0 OR, 2 XR)
       Class 192 : CLUTCHES AND POWER-STOP CONTROL
       192/30R
                    CLUTCHES
       192/82R
                    .Operators
       192/85R
                    ..Fluid pressure
       192/88R
                    ...Flexible motor
       192/88B
                    ....Radially engaged
2 242/421.6 (2 OR, 0 XR)
       Class 242: WINDING, TENSIONING, OR GUIDING
       242/410 TENSION CONTROL OR BRAKE
       242/416
                   .Supply controlled
       242/421
                   ..Supply coil brake control
       242/421.5
                   ...Slackness sensor
       242/421.6
                    ....With power control circuit
 251/26
               (0 OR, 2 XR)
       Class
               251 : VALVES AND VALVE ACTUATION
       251/12
                    FLUID ACTUATED OR RETARDED
       251/25
                    .Pilot or servo type motor
       251/26
                    ..Alternative pressure sources or pilot valve
2 303/84.2
               (0 OR, 2 XR)
       Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
       303/84.1
                    FLOW RETARDER
       303/84.2
                    .Isolation valve
```

Page 6

2 303/DIG 10 (0 OR, 2 XR)

and an analysis and the analysis of the control of

Class 303: FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS 303/DIG 10 VALVE BLOCK INTEGRATING PUMP, VALVES, SOLENOID, ACCUMULATOR, ETC.

2 418/14 (0 OR, 2 XR)

Class 418: ROTARY EXPANSIBLE CHAMBER DEVICES 418/14 WITH DELAYED LOAD

2 418/55.5 (2 OR, 0 XR)

Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES

418/54 WORKING MEMBER HAS PLANETARY OR PLANETATING MOVEMENT

418/55.1 .Helical working member, e.g., scroll

418/55.5 .. With biasing means, e.g., axial or radial

2 475/141 (0 OR, 2 XR)

Class 475: PLANETARY GEAR TRANSMISSION SYSTEMS OR COMPONENTS

475/31 FLUID DRIVE OR CONTROL OF PLANETARY GEARING
475/116 .Fluid controlled mechanical clutch or brake
475/140 ..Spring engaged, fluid released clutch or

brake device
475/141 ...Plural devices simultaneously spring engaged

2 475/83 (2 OR, 0 XR)

Class 475: PLANETARY GEAR TRANSMISSION SYSTEMS OR COMPONENTS

475/31 FLUID DRIVE OR CONTROL OF PLANETARY GEARING
475/83 .Pump and motor in series with planetary
gearing

2 477/200 (1 OR, 1 XR)

Class 477: INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL

477/182 BRAKE CONTROL

.Brake engaged when engine energy deactivated,

brake disengaged when engine energy is activated

477/200 ...Internal combustion engine